

**Rural Electric Cooperative Corporation**

A Touchstone Energy® Cooperative 

March 17, 2014

Mr. Jeff Derouen  
Executive Director  
Public Service Commission  
211 Sower Blvd.  
PO Box 615  
Frankfort, KY 40602-0615

**RECEIVED**

**MAR 19 2014**

**PUBLIC SERVICE  
COMMISSION**

*2006-00494*

RE: Nolin Rural Electric Cooperative Corporations Reliability Report

Dear Mr. Derouen:

This correspondence is written in conjunction with the requirement by the Public Service Commission to have each Electric Distribution Supplier to give an Annual Reliability Report by the first work day in April of each year. Please find attached the annual report of:

SAIDI, SAIFI & CAIDI  
Major event days  
Outages by cause  
Worse performing circuits

If you have any questions about the information rendered please contact me or the Vice President System Operations Vince Heuser at (270)765-6153.

Respectively Yours,



Greg Harrington  
Engineering Superintendent  
Nolin Rural Electric Cooperative Corporation

ATTN: 3 PAGES



# Electric Distribution Utility Annual Reliability Report

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## SECTION 5: OUTAGE CAUSE CATEGORIES

Excluding MED

CAUSE CODE DESCRIPTION		SAIDI VALUE	CAUSE CODE DESCRIPTION		SAIFI VALUE
TREES	5.1.1	72.5	TREES	5.2.1	0.288
WIND, HIGH WIND	5.1.2	34.7	WIND, HIGH WIND	5.2.2	0.116
EQUIPMENT / MATERIAL FAILUR	5.1.3	6.9	UNKNOWN CAUSE	5.2.3	0.091
LIGHTNING	5.1.4	5.5	EQUIPMENT / MATERIAL FAILURE	5.2.4	0.047
DAMAGED MATERIAL OR EQUIP	5.1.5	5.4	PUBLIC ACCIDENTS, OTHER	5.2.5	0.047
UNKNOWN CAUSE	5.1.6	4.6	DAMAGED MATERIAL OR EQUIP	5.2.6	0.049
MAJOR STORM	5.1.7	3.1	LIGHTNING	5.2.7	0.034
PUBLIC ACCIDENTS, OTHER	5.1.8	2.1	MAJOR STORM	5.2.8	0.025
FARM EQUIP.	5.1.9	0.3	WATER COMPANY	5.2.9	0.010
TREES AND ICE	5.1.10	0.5	SMALL ANIMALS OR BIRDS	5.2.10	0.005

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## SECTION 6: WORST PERFORMING CIRCUITS

CIRCUIT IDENTIFIER		SAIDI VALUE	MAJOR OUTAGE CATEGORY
Tharpe (4)	6.1.1	546	Lightning
Williams (3)	6.1.2	480	Trees
Radcliff (3)	6.1.3	469	Trees
Glendale (2)	6.1.4	455	High wind
Colesburg (2)	6.1.5	423	Equipment/Material failure
Fort Knox (3)	6.1.6	417	Trees
Vertress (2)	6.1.7	322	High wind
Vertrees (1)	6.1.8	286	Trees
Magnolia (1)	6.1.9	264	Equipment/Material failure
Vine Grove (7)	6.1.10	261	Equipment/Material failure

CIRCUIT IDENTIFIER		SAIFI VALUE	MAJOR OUTAGE CATEGORY
Williams (3)	6.2.1	0.089	Trees
Magnolia (1)	6.2.2	0.055	Trees
Tunnel Hill 1 (2)	6.2.3	0.041	Lightning
Radcliffe (3)	6.2.4	0.031	Lightning
Glendale (2)	6.2.5	0.029	Lightning
Vertrees (2)	6.2.6	0.028	Switching outage
Tharpe (4)	6.2.7	0.028	Lightning
Smithersville 2 (4)	6.2.8	0.024	Trees
Fort Knox (3)	6.2.9	0.022	Public accident
Hodgenville (1)	6.2.10	0.022	Lightning

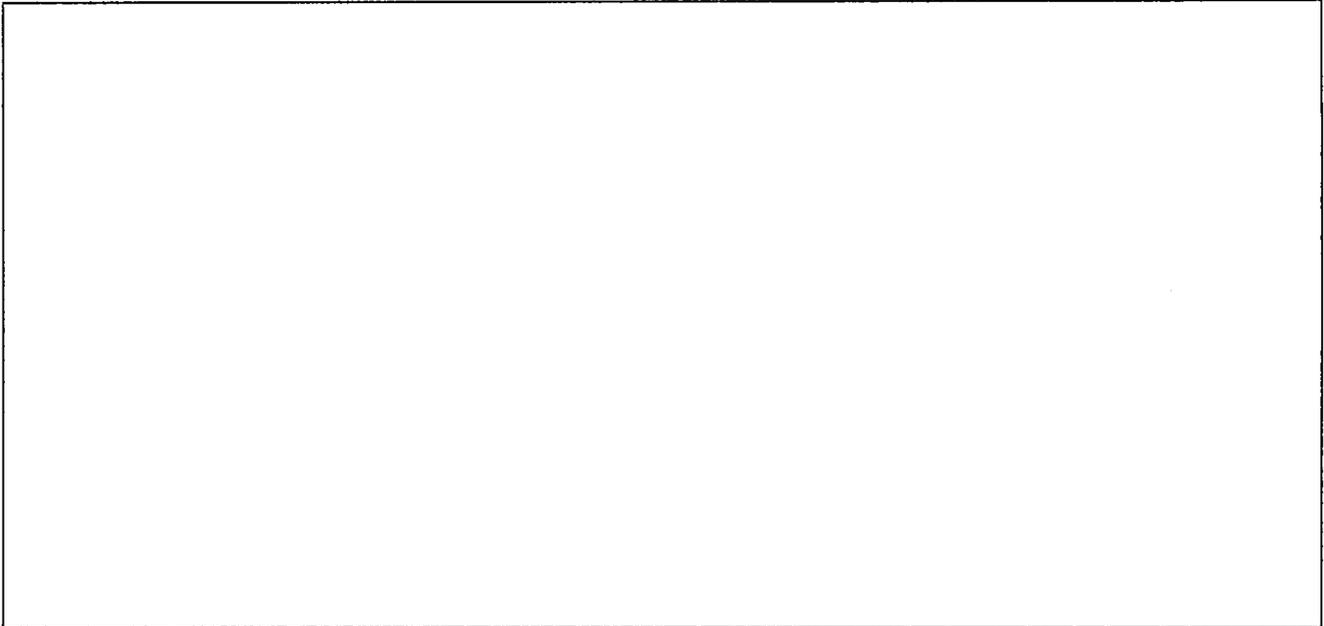
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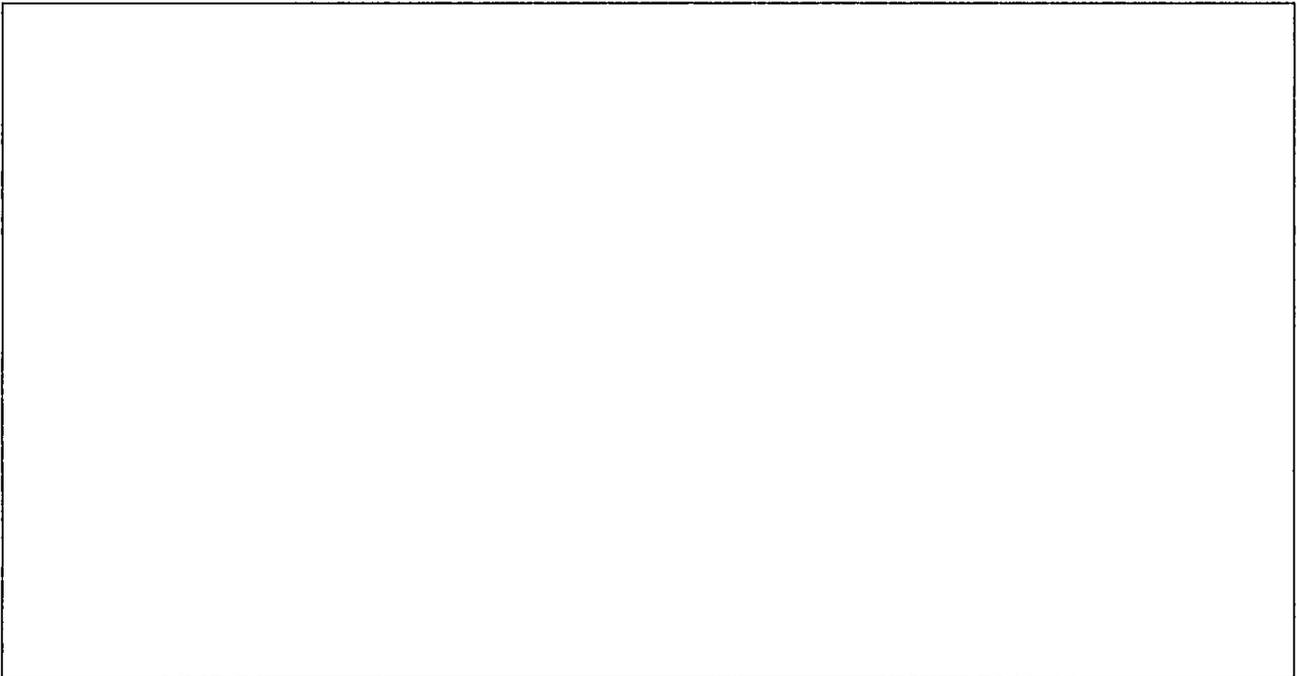
Additional pages may be attached as necessary

## SECTION 7: VEGETATION MANAGEMENT PLAN REVIEW

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## SECTION 8: UTILITY COMMENTS

A large, empty rectangular box with a thin black border, intended for the content of Section 8: Utility Comments.